

INTERNATIONAL SEARCH REPORT

National Application No

PCT/NL2004/000086

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A61B17/82 A61B17/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHEDMinimum documentation searched (classification system followed by classification symbols)
 IPC 7 A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 665 089 A (DALL DESMOND MEIRING ET AL) 9 September 1997 (1997-09-09) abstract; figures 2,12,20 ---	10,11, 13,14 1
X	US 6 106 545 A (EGAN THOMAS D) 22 August 2000 (2000-08-22) abstract; claim 1; figures 1,2 ---	10,11, 13,14 1
A	EP 0 597 257 A (UNITED STATES SURGICAL CORP) 18 May 1994 (1994-05-18) abstract; claims 15-22; figure 16 column 1, line 15-27 ---	1
X	US 6 231 592 B1 (CREMENS MATTHEW J ET AL) 15 May 2001 (2001-05-15) abstract; figures 2,3,20,25 ---	11,14 1
		-/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

° Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

6 May 2004

Date of mailing of the international search report

17/05/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Macaire, S

INTERNATIONAL SEARCH REPORT

national Application No

PCT/NL2004/000086

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 822 051 A (SPINE NEXT) 20 September 2002 (2002-09-20) abstract; claims 2-4; figures 1,2 -----	11,14
A		1

INTERNATIONAL SEARCH REPORT

International application No.
PCT/NL2004/000086

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: 6-8 because they relate to subject matter not required to be searched by this Authority, namely:
Rule 39.1(iv) PCT – Method for treatment of the human or animal body by surgery
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
- No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/NL2004/000086

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5665089	A	09-09-1997	AU	677003 B2		10-04-1997
			AU	3761193 A		21-10-1993
			CA	2132315 A1		30-09-1993
			DE	69316885 D1		12-03-1998
			DE	69316885 T2		25-06-1998
			DK	631493 T3		23-09-1998
			EP	0631493 A1		04-01-1995
			ES	2113529 T3		01-05-1998
			WO	9318716 A1		30-09-1993
			JP	3388741 B2		24-03-2003
			JP	7506988 T		03-08-1995
			ZA	9301992 A		19-09-1994
US 6106545	A	22-08-2000	AU	3493599 A		01-11-1999
			WO	9952450 A1		21-10-1999
EP 0597257	A	18-05-1994	US	5355913 A		18-10-1994
			CA	2107148 A1		10-04-1994
			EP	0597257 A2		18-05-1994
US 6231592	B1	15-05-2001	US	6010525 A		04-01-2000
			US	2003032982 A1		13-02-2003
			US	2001021862 A1		13-09-2001
			US	2003032983 A1		13-02-2003
			US	6159234 A		12-12-2000
			US	2003158582 A1		21-08-2003
			US	6475230 B1		05-11-2002
			US	6569187 B1		27-05-2003
FR 2822051	A	20-09-2002	FR	2822051 A1		20-09-2002
			EP	1367954 A1		10-12-2003
			WO	02071960 A1		19-09-2002